

Title (en)
A SHOE

Publication
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Application
EP 92301093 A 19920210

Priority
US 65772391 A 19910220

Abstract (en)
[origin: EP0500247A2] A shoe (20) comprising a sole portion (30,60) having peripheral edges and at least one cushioning element (100,200,300) comprising a chamber having flexible walls (106,108,206,208) filled with a liquid composition (110,210,310), wherein the chamber includes a plurality of partitions for directing flow of liquid (110,210,310) from one portion of the chamber to another portion of the chamber. Preferably, at least one partition is a gating means responsive to a differential in liquid pressure for enabling the flow of liquid to the chamber portion of lower liquid pressure. The cushioning element (110,200,300) overlays the sole portion (30,60). A portion of the cushioning element extends to a peripheral edge to provide cushioning support to a foot of a wearer at the peripheral edge. Preferably, the extending portion of the element (100,200,300) has substantially transparent walls (106,108,206,208) whereby the liquid composition can be viewed. Preferably, the liquid composition comprises an amount of a gel having a gel density and an amount of particulate density is less than the gel density. Preferably, the cushioning element (100,200,300) has a flexure joint (118) along a portion of the element, which is a partition for directing flow of liquid from one portion of the chamber to another portion of the chamber. <IMAGE>

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A43B 13/20

IPC 8 full level
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